2 - Parts Lists and Component Layout

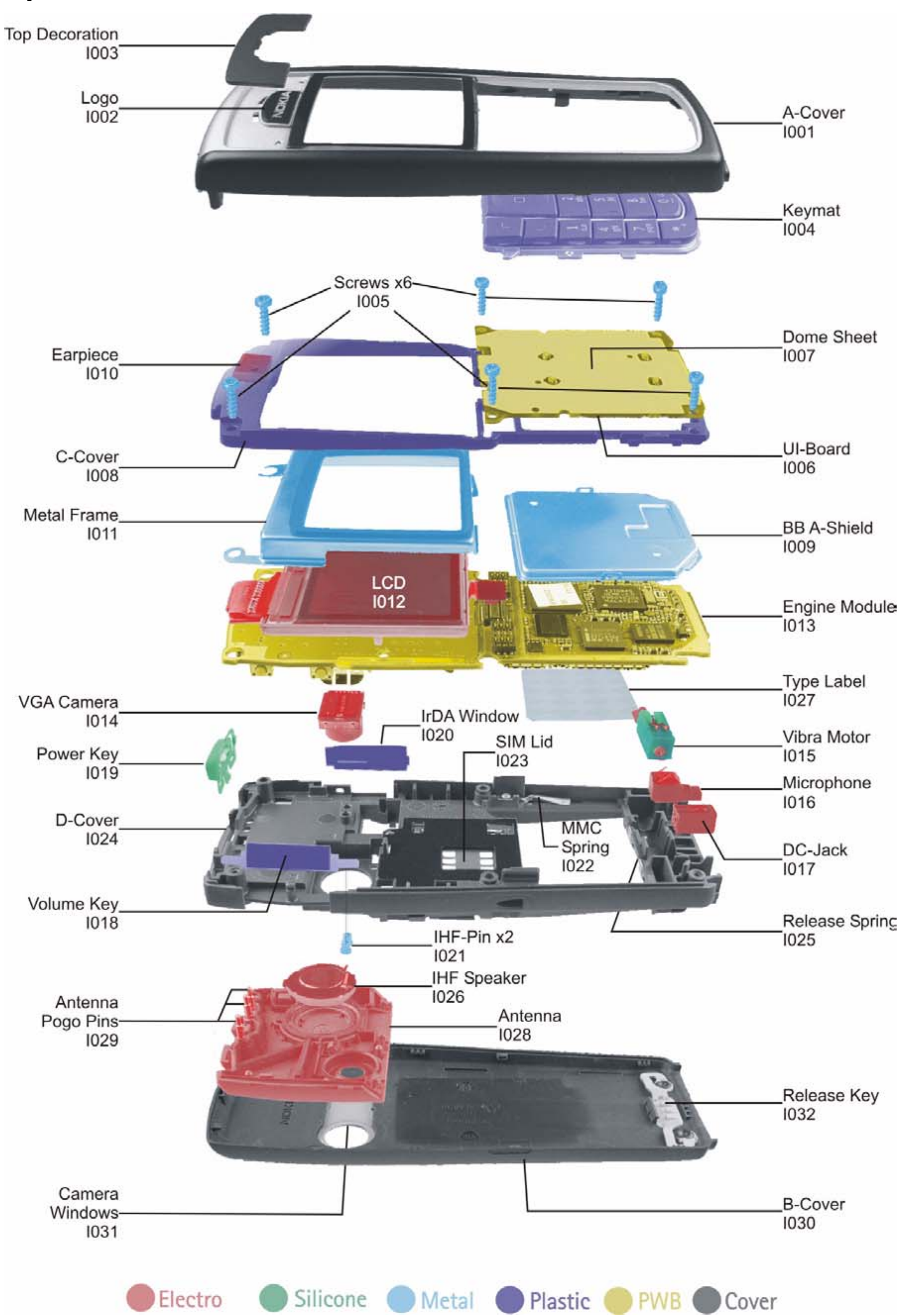
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Exploded View of Nokia 6230/6320b, RH-12/RH-28



For the individual parts, refer to the next page.

Mechanical Parts

ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME
	1	XXXXXXX	A-COVER ASSY
I001	1	-	A-COVER
I002	1	-	LOGO
I003	1	XXXXXXX	TOP DECORATION
I004	1	XXXXXXX	KEYMAT
I005	6	6150121	SCREWS 1.8X7.4 T6 PLUS
	1	0275784	UI-BOARD ASSY (ONLY FOR RH-12)
		0275785	UI-BOARD ASSY (ONLY FOR RH-28)
I006	1	-	UI-BOARD
I007	1	-	DOMESHEET
	1	9491820	C-COVER ASSY
I008	1	-	C-COVER
I009	1	-	BB A-SHIELD INCL. GASKET
I010	1	-	EARPICE
I011	1	9511167	METAL FRAME
I012	1	4850339	LCD
I013	1	-	ENGINE MODULE
I014	1	4858009	VGA CAMERA
I015	1	6800057	VIBRA MOTOR
I016	1	5140265	MICROPHONE
I017	1	5400243	DC-JACK
I018	1	9790886	VOLUME KEY
I019	1	5200063	POWER KEY
I020	1	9453545	IRDA WINDOW
	1	9491812	D-COVER ASSY
I021	2	-	IHF PIN
I022	1	-	MMC SPRING
I023	1	-	SIM LID

I024	1	-	D-COVER
I025	1	-	RELEASE SPRING
I026	1	5140253	IHF SPEAKER
I027	1	9371068	TYPE LABEL **(Americas)**
		9370997	TYPE LABEL
	1	0660308	ANTENNA ASSY (ONLY FOR RH-12)
		0660307	ANTENNA ASSY (ONLY FOR RH-28)
I028	1	-	ANTENNA
I029	1	-	ANTENNA POGO PINS
		XXXXXXX	B-COVER ASSY
I030	1	-	B-COVER
I031	1	-	CAMERA WINDOW
I032	1	-	RELEASE KEY

Variant Parts

ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME	REGION
I001	1	9458914	A-COVER GRAPHITE / MOCCA	EMEA, AMERICAS
I001	1	9492096	A-COVER PEARL WHITE / SILVER	EMEA, AMERICAS
I001	1	9492098	A-COVER GRAPHITE / SILVER	AMERICAS, APAC
I001	1	9492097	A-COVER TIN GRAY / SILVER	APAC
I002	1	9459984	TOP DECORATION SILVER	
I002	1	9452973	TOP DECORATION GRAY MOCCA	
I004	1	9790890	KEYMAT GRAY MOCCA LATIN	
I004	1	9791330	KEYMAT GRAY MOCCA LATIN-US	
I004	1	9791543	KEYMAT SILVER LATIN	
I004	1	9791550	KEYMAT SILVER LATIN-US	
I004	1	9791278	KEYMAT GRAY MOCCA RUSSIAN	
I004	1	9791546	KEYMAT SILVER RUSSIAN	
I004	1	9791275	KEYMAT GRAY MOCCA HEBREW	
I004	1	9791544	KEYMAT SILVER HEBREW	
I004	1	9791276	KEYMAT GRAY MOCCA ARABIC	
I004	1	9791542	KEYMAT SILVER ARABIC	
I004	1	9791277	KEYMAT GRAY MOCCA GREEK	
I004	1	9791545	KEYMAT SILVER GREEK	
I004	1	9791549	KEYMAT SILVER BOPOMOFO	
I004	1	9791547	KEYMAT SILVER STORKE	
I004	1	9791548	KEYMAT SILVER THAI	
	1	9452978	B-COVER ASSY GRAPHITE	EMEA, AMERICAS, APAC
	1	9491667	B-COVER ASSY PEARL WHITE	EMEA, AMERICAS
	1	9491837	B-COVER ASSY TIN GREY	APAC

Swap Units

QTY	PART NO	PART NAME
	0059226	RH-12 N6230 SWAP UNIT EURO-A
	0051180	RH-12 N6230 SWAP UNIT EUROPE&AFRICA
	0051181	RH-12 N6230 SWAP UNIT FRANCE
	0051182	RH-12 N6230 SWAP UNIT TURKEY
	0051183	RH-12 N6230 SWAP UNIT POLAND
	0051184	RH-12 N6230 SWAP UNIT SOUTH AFRICA
	0051185	RH-12 N6230 SWAP UNIT CZECH/SLOVAKIA
	0051186	RH-12 N6230 SWAP UNIT RUSSIA
	0051187	RH-12 N6230 SWAP UNIT UKRAINE

EZ4Z module parts - RH-12

Item	Code	Side	XY	Description and value	
A100	9511187	Top	C5	PA SHIELD ASSY DMC05946 HDE12	Shield Assembly
A101	9511200	Top	J4	RF SHIELD ASSY DMC05948 HDE12	Shield Assembly
A102	9511181	Top	O6	BB-B SHIELD ASSY DMC05950 HDE12	Shield Assembly
A103	9511186	Top	I7	VCO-SHIELD DMD10246 HDE12	Shield
B200	4510219	Bot	S4	CRYSTAL 32.768KHZ+-30PPM 9PF	Crystal
C100	2320546	Top	F3	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C101	2320744	Top	K9	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C103	2320546	Bot	T7	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C104	2320544	Top	F3	CHIPCAP NP0 22P J 50V 0402	Ceramic Capacitor
C105	2320778	Top	Q5	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C106	2321013	Top	Q5	CHIPCAP NP0 270P J 50V 0402	Ceramic Capacitor
C108	2320805	Bot	S6	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C109	2315269	Top	P5	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C110	2320536	Bot	T5	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C111	2320536	Bot	T4	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C112	2320536	Bot	T5	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C113	2320536	Bot	T5	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C120	2320481	Top	H5	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor
C121	2318015	Bot	T6	CHIPCAP FEEDTHRU 100N M 25V 0805	Ceramic Capacitor
C130	2320540	Top	N8	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C131	2320518	Top	N8	CHIPCAP NP0 1P8 C 50V 0402	Ceramic Capacitor
C132	2320518	Top	N8	CHIPCAP NP0 1P8 C 50V 0402	Ceramic Capacitor
C133	2320560	Top	L6	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C134	2320520	Top	M7	CHIPCAP NP0 2P2 C 50V 0402	Ceramic Capacitor
C135	2320778	Top	M7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C136	2320778	Top	M7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C137	2320602	Top	N8	CHIPCAP NP0 4P7 C 50V 0402	Ceramic Capacitor
C138	2320778	Top	M7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C139	2316001	Top	O7	CHIPCAP X5R 2U2 K 6V3 0603	Ceramic Capacitor
C140	2320778	Top	O7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C141	2320540	Top	O8	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C142	2320125	Top	O7	CHIPCAP X5R 1U K 16V 0603	Ceramic Capacitor
C143	2320778	Top	O7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C144	2320125	Top	O7	CHIPCAP X5R 1U K 16V 0603	Ceramic Capacitor
C151	2320805	Bot	S5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C157	2320744	Bot	S5	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C158	2320805	Bot	S5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C159	2315213	Top	Q4	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C162	2315213	Top	E5	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C165	2320556	Bot	S6	CHIPCAP NP0 68P J 50V 0402	Ceramic Capacitor
C166	2320783	Bot	R6	CHIPCAP X7R 33N K 10V 0402	Ceramic Capacitor
C167	2320783	Bot	R5	CHIPCAP X7R 33N K 10V 0402	Ceramic Capacitor
C168	2320744	Bot	R6	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C169	2320744	Bot	R6	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C170	2320783	Bot	R5	CHIPCAP X7R 33N K 10V 0402	Ceramic Capacitor
C171	2320783	Bot	R5	CHIPCAP X7R 33N K 10V 0402	Ceramic Capacitor
C172	2320560	Top	H5	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C173	2320137	Top	G6	CHIPCAP X5R 470N K 10V 0603	Ceramic Capacitor
C174	2315201	Top	H7	CHIP ARRAY NP0 2X27P K 25V 0405	Other Capacitor
C175	2315261	Top	H7	CHIP ARRAY X5R 2X47N K 10V 0405	Other Capacitor
C176	2315201	Top	Q4	CHIP ARRAY NP0 2X27P K 25V 0405	Other Capacitor
C177	2320560	Top	G6	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C200	2320805	Bot	S3	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C202	2320778	Bot	S4	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C209	2320536	Bot	S3	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C210	2320536	Bot	S5	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C218	2320805	Bot	P4	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C220	2320778	Bot	P4	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C236	2320805	Bot	P3	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C237	2320805	Bot	P3	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C238	2320805	Bot	S3	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C239	2320805	Bot	P5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C240	2320778	Bot	P5	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C241	2320744	Bot	S5	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C245	2320778	Bot	Q5	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C260	2315269	Bot	Q2	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C261	2315269	Bot	P6	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C262	2315269	Bot	R2	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C270	2318013	Top	O5	CHIPCAP X5R 10U M 6V3 T 1.0 0805	Ceramic Capacitor
C271	2318013	Top	O5	CHIPCAP X5R 10U M 6V3 T 1.0 0805	Ceramic Capacitor
C272	2318013	Top	O6	CHIPCAP X5R 10U M 6V3 T 1.0 0805	Ceramic Capacitor
C282	2315269	Bot	S4	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C283	2315269	Bot	Q6	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C284	2315269	Bot	Q6	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C285	2315269	Bot	Q5	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C286	2315269	Bot	S5	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C287	2315269	Bot	S4	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C288	2315269	Bot	S5	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C289	2315269	Bot	S4	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C290	2320125	Bot	S3	CHIPCAP X5R 1U K 16V 0603	Ceramic Capacitor
C291	2315269	Bot	R3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C292	2315269	Bot	P3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C293	2315269	Bot	Q3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C294	2315269	Bot	Q3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C295	2315269	Bot	R3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C296	2315269	Bot	R3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C297	2315269	Bot	S3	CHIP ARRAY X5R 2X1U K 6V3 0405	Ceramic Capacitor
C298	2320481	Bot	S3	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor
C299	2320481	Bot	S3	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor
C300	2320778	Top	R5	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C301	2320546	Top	C8	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C302	2320778	Top	B6	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C304	2320125	Top	M5	CHIPCAP X5R 1U K 16V 0603	Ceramic Capacitor
C305	2320481	Top	M5	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C306	2320540	Top	C8	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C307	2320540	Top	E8	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C308	2320546	Top	M6	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C309	2320805	Top	M5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C310	2320546	Top	M6	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C311	2320805	Top	L6	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C312	2320805	Bot	N7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C313	2320546	Bot	M7	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C321	2315213	Top	M5	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C322	2315213	Top	M4	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C323	2315213	Top	M4	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C324	2315213	Top	M4	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C325	2320546	Top	M4	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C326	2315213	Bot	N7	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C327	2315213	Bot	M8	CHIP ARRAY NP0 2X22P K 25V 0405	Ceramic Capacitor
C350	2320505	Top	F2	CHIPCAP X5R 4U7 K 6.3V 0603	Ceramic Capacitor
C351	2320544	Top	G2	CHIPCAP NP0 22P J 50V 0402	Ceramic Capacitor
C352	2320805	Top	G2	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C353	2320805	Top	G2	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C357	2320620	Top	P8	CHIPCAP X7R 10N J 16V 0402	Ceramic Capacitor
C358	2320785	Top	P8	CHIPCAP X7R 47N K 10V 0402	Ceramic Capacitor
C359	2321007	Top	P6	CHIPCAP X7R 22N K 16V 0402	Ceramic Capacitor
C361	2320744	Top	R7	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C362	2321007	Top	P7	CHIPCAP X7R 22N K 16V 0402	Ceramic Capacitor
C363	2315261	Top	R8	CHIP ARRAY X5R 2X47N K 10V 0405	Other Capacitor
C364	2321007	Top	Q6	CHIPCAP X7R 22N K 16V 0402	Ceramic Capacitor
C365	2315209	Top	R8	CHIP ARRAY X5R 2X33N M 10V 0405	Other Capacitor
C366	2320785	Top	R8	CHIPCAP X7R 47N K 10V 0402	Ceramic Capacitor
C367	2320560	Top	Q8	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C370	2320760	Top	P8	CHIPCAP X7R 4N7 K 25V 0402	Ceramic Capacitor
C371	2321007	Top	Q8	CHIPCAP X7R 22N K 16V 0402	Ceramic Capacitor
C372	2320481	Top	Q8	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C373	2321007	Top	R6	CHIPCAP X7R 22N K 16V 0402	Ceramic Capacitor
C374	2320744	Top	Q6	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C375	2320752	Top	Q6	CHIPCAP X7R 2N2 K 50V 0402	Ceramic Capacitor
C378	2320546	Top	Q8	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C379	2320552	Top	P8	CHIPCAP NP0 47P J 50V 0402	Ceramic Capacitor
C380	2320805	Top	R7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C382	2320805	Top	R7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C384	2320805	Top	R7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C385	2320805	Top	R7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C390	2320805	Top	K7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C401	2320778	Bot	N2	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C402	2320778	Bot	M2	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C403	2320778	Bot	M4	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C404	2320778	Bot	P6	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C405	2320778	Bot	N2	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C406	2320778	Bot	N2	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C407	2320778	Bot	M2	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C408	2320778	Bot	M4	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C409	2320778	Bot	M4	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C410	2320481	Top	N5	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor
C411	2320744	Top	N5	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C412	2320744	Bot	O2	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C413	2320744	Bot	O2	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C421	2320560	Bot	P2	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C422	2320560	Bot	N2	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C450	2320778	Bot	O7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C451	2320805	Bot	O8	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C454	2320779	Bot	O8	CHIPCAP X7R 100N K 16V 0603	Ceramic Capacitor
C455	2320778	Bot	Q6	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C456	2320805	Bot	R6	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C459	2320779	Bot	Q8	CHIPCAP X7R 100N K 16V 0603	Ceramic Capacitor
C463	2320143	Bot	O7	CHIPCAP X5R 220N K 6.3V 0402	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C464	2320143	Bot	M7	CHIPCAP X5R 220N K 6.3V 0402	Ceramic Capacitor
C465	2320778	Bot	M6	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C466	2320778	Bot	O8	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C500	2320598	Top	L4	CHIPCAP X7R 3N9 J 50V 0402	Ceramic Capacitor
C501	2320744	Top	I8	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C502	2320584	Top	K3	CHIPCAP X7R 1N0 J 50V 0402	Ceramic Capacitor
C503	2320564	Top	I6	CHIPCAP NP0 150P J 50V 0402	Ceramic Capacitor
C504	2322023	Top	I6	CHIPCAP NP0 2N2 J 16V 0603	Ceramic Capacitor
C505	2321013	Top	K5	CHIPCAP NP0 270P J 50V 0402	Ceramic Capacitor
C506	2320526	Top	I3	CHIPCAP NP0 3P9 C 50V 0402	Ceramic Capacitor
C508	2320633	Top	I2	CHIPCAP NP0 220P J 25V 0402	Ceramic Capacitor
C511	2320560	Top	C7	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C512	2320592	Top	H5	CHIPCAP X7R 2N2 J 50V 0402	Ceramic Capacitor
C513	2322023	Top	J2	CHIPCAP NP0 2N2 J 16V 0603	Ceramic Capacitor
C514	2320560	Top	K5	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C515	2320538	Top	L4	CHIPCAP NP0 12P J 50V 0402	Ceramic Capacitor
C520	2320554	Top	K4	CHIPCAP NP0 56P J 50V 0402	Ceramic Capacitor
C522	2320604	Top	K2	CHIPCAP NP0 18P J 50V 0402	Ceramic Capacitor
C531	2320546	Top	B4	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C532	2320604	Top	I3	CHIPCAP NP0 18P J 50V 0402	Ceramic Capacitor
C533	2320554	Top	J2	CHIPCAP NP0 56P J 50V 0402	Ceramic Capacitor
C535	2320552	Top	K5	CHIPCAP NP0 47P J 50V 0402	Ceramic Capacitor
C536	2320552	Top	K5	CHIPCAP NP0 47P J 50V 0402	Ceramic Capacitor
C537	2320560	Top	K5	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C540	2320805	Top	L3	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C543	2320558	Top	I5	CHIPCAP NP0 82P J 50V 0402	Ceramic Capacitor
C545	2315017	Top	H5	CHIP ARRAY NP0 4X470P J 16V 0612	Ceramic Capacitor
C549	2320805	Top	I5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C550	2320560	Top	K3	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C551	2320546	Top	K5	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C552	2320805	Top	J5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C553	2320805	Top	J5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C554	2320778	Top	J3	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C555	2320805	Top	I5	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C560	2320536	Top	I8	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C568	2320923	Top	K4	CHIPCAP NP0 HQ 0P7 B 16V 0402	Ceramic Capacitor
C700	2320744	Top	E4	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C701	2320744	Top	B4	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C702	2320744	Top	B5	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C703	2320620	Top	C3	CHIPCAP X7R 10N J 16V 0402	Ceramic Capacitor
C704	2320620	Top	D3	CHIPCAP X7R 10N J 16V 0402	Ceramic Capacitor
C705	2320546	Top	J3	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C706	2320546	Top	J3	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C707	2320518	Top	C2	CHIPCAP NP0 1P8 C 50V 0402	Ceramic Capacitor
C709	2320540	Top	J3	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C710	2320540	Top	J3	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C718	2320744	Top	B4	CHIPCAP X7R 1N0 K 50V 0402	Ceramic Capacitor
C723	2320540	Top	C3	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C725	2312243	Top	D6	CHIPCAP X5R 4U7 K 6V3 0805	Ceramic Capacitor
C726	2320546	Top	D6	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C727	2611755	Top	F5	CHIPTCAP 68U M 16V 6.0X3.2X2.6	Electrolytic Capacitor
C728	2320560	Top	D5	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C729	2320554	Top	C5	CHIPCAP NP0 56P J 50V 0402	Ceramic Capacitor
C804	2320540	Top	B7	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C805	2320546	Top	B6	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C806	2320540	Top	B7	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C807	2320560	Top	I3	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C808	2320560	Top	I3	CHIPCAP NP0 100P J 50V 0402	Ceramic Capacitor
C809	2320508	Top	D7	CHIPCAP NP0 1P0 C 50V 0402	Ceramic Capacitor
C810	2320524	Top	D7	CHIPCAP NP0 3P3 C 50V 0402	Ceramic Capacitor
C826	2320520	Top	C8	CHIPCAP NP0 2P2 C 50V 0402	Ceramic Capacitor
C827	2320805	Top	B8	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C828	2320540	Top	B8	CHIPCAP NP0 15P J 50V 0402	Ceramic Capacitor
C829	2320514	Top	B7	CHIPCAP NP0 1P2 C 50V 0402	Ceramic Capacitor

Item	Code	Side	XY	Description and value	
C831	2320552	Top	B6	CHIPCAP NP0 47P J 50V 0402	Ceramic Capacitor
C900	2320805	Top	G8	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C901	2320546	Top	G7	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C902	2320805	Top	G7	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C903	2320546	Top	G7	CHIPCAP NP0 27P J 50V 0402	Ceramic Capacitor
C904	2320778	Top	G7	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C905	2320536	Bot	P4	CHIPCAP NP0 10P J 50V 0402	Ceramic Capacitor
C910	2320805	Top	P4	CHIPCAP X5R 100N K 10V 0402	Ceramic Capacitor
C911	2320481	Top	P4	CHIPCAP X5R 1U K 6V3 0603	Ceramic Capacitor
C912	2320778	Top	O3	CHIPCAP X7R 10N K 16V 0402	Ceramic Capacitor
C913	2312201	Top	P4	CHIPCAP X5R 4U7 K 6V3 T-EQUAL-0.95 0805	Ceramic Capacitor
D130	4341583	Top	M7	1XINV 1.8-5.5V SC70-5	Logic IC
D400	4375107	Bot	O4	TIKUEDGE1.1 F751728A C035 288UBGA	Digital ASIC
D450	4347041	Bot	P7	FLASH 8MX16 1.8/1.8V FBGA44	Combo Memory
D451	4347157	Bot	R7	COMBO ADAPTER + 64M NAND TBGA44	Combo Memory
D455	4347039	Bot	N6	SDRAM 4MX16 1.8V/1.8V WBGA60	DRAM Memory
F100	5119025	Bot	T7	SM FUSE FF 1.5A 32V 0402	Fuse And Protector
G300	4700141	Top	K8	CELL CAPACITOR 0.015MAH 3V3	Battery And Battery Cell
G500	4350443	Top	I7	VCO 3296-3980MHZ 2.7V 20MA EDGE	VCO
G501	4520015	Top	K4	VCTCXO 26MHZ+-2PPM 2.7V GSM	VCTCXO
L102	3203755	Bot	S5	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L103	3645011	Bot	T5	CHIP COIL 68NH J Q12/100MHZ 0603	Fixed Inductor
L104	3203741	Bot	T6	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L105	3203741	Bot	T5	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L130	3646063	Top	N8	CHIP COIL 22N J Q28/800MHZ 0402	Fixed Inductor
L131	3646047	Top	N8	CHIP COIL 3N3 +-0N3 Q28/800M 0402	Fixed Inductor
L132	3646047	Top	N8	CHIP COIL 3N3 +-0N3 Q28/800M 0402	Fixed Inductor
L133	3646063	Top	M7	CHIP COIL 22N J Q28/800MHZ 0402	Fixed Inductor
L134	3646063	Top	M7	CHIP COIL 22N J Q28/800MHZ 0402	Fixed Inductor
L150	3203801	Top	A7	CHIP BEAD ARRAY 2X1000R 0405	EMC Component
L151	3203755	Bot	S6	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L152	3203801	Top	R4	CHIP BEAD ARRAY 2X1000R 0405	EMC Component

Item	Code	Side	XY	Description and value	
L153	3203801	Bot	T4	CHIP BEAD ARRAY 2X1000R 0405	EMC Component
L154	3203801	Bot	T3	CHIP BEAD ARRAY 2X1000R 0405	EMC Component
L155	3648903	Top	E4	CHIP COIL 30nH J Q65/500MHz 0805	Fixed Inductor
L156	3648903	Top	F4	CHIP COIL 30nH J Q65/500MHz 0805	Fixed Inductor
L206	3203727	Bot	Q6	FERRITE BEAD 0R3 47R/100MHZ 0603	EMC Component
L260	3203741	Bot	Q2	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L261	3203741	Bot	P6	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L262	3203741	Bot	R2	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L263	3203741	Bot	S2	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L264	3203741	Bot	Q2	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L265	3203741	Bot	Q6	FERRITE BEAD 0R5 600R/100MHZ 0603	EMC Component
L270	3648905	Top	O5	CHOKE 10U 0R33 0.69A 4.6X4.6X1.2	Fixed Inductor
L300	3203755	Top	Q5	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L301	3203755	Top	M6	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L302	3203755	Top	M6	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L303	3640161	Top	N6	CHOKE 22U M 0.33A 1R5 3.3X3.3X1.3	Fixed Inductor
L309	3203755	Bot	M7	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L356	3645373	Top	P7	CHIP COIL 33N G Q40/250MHZ 0603	Fixed Inductor
L357	3645373	Top	P7	CHIP COIL 33N G Q40/250MHZ 0603	Fixed Inductor
L358	3645233	Top	Q8	CHIP COIL 120N G Q32/150MHZ 0603	Fixed Inductor
L500	3646221	Top	K4	CHIP COIL 4N7 +-0N3 Q7/100M 0402	Fixed Inductor
L501	3646221	Top	K4	CHIP COIL 4N7 +-0N3 Q7/100M 0402	Fixed Inductor
L502	3646237	Top	I8	CHIP COIL 18N J Q7/100MHZ 0402	Fixed Inductor
L504	3203755	Top	J5	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L515	3645345	Top	L5	CHIP COIL 4U7 K Q35/10MHZ 0603	Fixed Inductor
L700	3646243	Top	J3	CHIP COIL 33N J Q7/100MHZ 0402	Fixed Inductor
L701	3646239	Top	C2	CHIP COIL 22N J Q7/100MHZ 0402	Fixed Inductor
L703	3203743	Top	D6	FERR.BEAD 0R03 42R/100MHZ 3A 0805	EMC Component
L800	3646215	Top	B7	CHIP COIL 3N3 +-0N3 Q6/100M 0402	Fixed Inductor
L804	3646119	Top	D7	CHIP COIL 6N8 +-0N1 Q26/1GHZ 0402	Fixed Inductor
L805	3646227	Top	I3	CHIP COIL 8N2 J Q7/100MHZ 0402	Fixed Inductor
L806	3646237	Top	I4	CHIP COIL 18N J Q7/100MHZ 0402	Fixed Inductor

Item	Code	Side	XY	Description and value	
L807	3646237	Top	I4	CHIP COIL 18N J Q7/100MHZ 0402	Fixed Inductor
L822	3646217	Top	I4	CHIP COIL 3N9 +-0N3 Q7/100M 0402	Fixed Inductor
L823	3646217	Top	I3	CHIP COIL 3N9 +-0N3 Q7/100M 0402	Fixed Inductor
L824	3646215	Top	C8	CHIP COIL 3N3 +-0N3 Q6/100M 0402	Fixed Inductor
L900	3203755	Top	G8	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
L901	3203755	Top	G7	FERRITE BEAD 0.6R 600R/100MZ 0402	EMC Component
N100	4370961	Top	Q5	NUT/CP2137 ASIC HBCC16++	RF ASIC
N120	4341705	Top	H5	CURRNT SENS LM3820 USMD10 PB-FREE	Power Management IC
N130	4370975	Top	N7	BC213143A-17-RK-E4	Mixed Signal ASIC
N131	4341473	Top	O8	REG+MAS9161B2GB06 2.8V 80MA TSOT5	Power Management IC
N150	4341429	Top	G5	AF AMP 0.4W/2.6V(LM4890ITLX)USMD9	Analog IC
N270	4349869	Top	O5	DC/DC CONV LM2708H-1.57V/1.35V	Power Management IC
N300	4342981	Top	M5	DC/DC CONV LM3500 / TK65600 USMD8	Power Management IC
N350	4860183	Top	G2	IRDA CIM-50M5A **** RESERVED ****	LED
N356	4341427	Top	Q7	FM RECEIVER(TEA5767HN) LQFP40	Other IC
N500	4370949	Top	J4	HELGO73A TFC4B TFBGA108	RF ASIC
N700	4359017	Top	C4	PW AMP RF9304 QUAD GSM/EDGE	Power Amplifier
N910	4341561	Top	O4	VREG 2.85/150MA(LP3987-2.85)USMD5	Analog IC
R100	1820039	Top	K9	NTC RES 0W1 47K J B 4050+-3% 0402	Variable Resistor
R101	1430804	Top	R5	CHIPRES 0W06 100K J 0402	Fixed Resistor
R102	1430726	Top	R5	CHIPRES 0W06 100R J 0402	Fixed Resistor
R104	1430812	Top	P5	CHIPRES 0W06 220K J 0402	Fixed Resistor
R105	1430812	Top	Q6	CHIPRES 0W06 220K J 0402	Fixed Resistor
R106	1430714	Bot	T5	CHIPRES 0W06 33R J 0402	Fixed Resistor
R107	4129265	Top	Q5	ASIP EMIF02-USB02F2 ** PB-FREE **	Integrated Discretes
R108	1825133	Bot	T5	CHIP VARISTOR VWM14V VC50V 0402	Variable Resistor
R121	1430762	Top	H4	CHIPRES 0W06 2K2 J 0402	Fixed Resistor
R122	1430762	Top	H4	CHIPRES 0W06 2K2 J 0402	Fixed Resistor
R130	1430778	Top	M7	CHIPRES 0W06 10K J 0402	Fixed Resistor
R131	1430832	Top	M7	CHIPRES 0W06 2K7 J 0402	Fixed Resistor

Item	Code	Side	XY	Description and value	
R132	1430691	Top	M7	CHIPRES 0W06 2R2 J 0402	Fixed Resistor
R133	1430804	Top	L7	CHIPRES 0W06 100K J 0402	Fixed Resistor
R150	1620035	Bot	Q5	RES NETWORK 0W06 2X10R J 0404	Resistor Network
R153	1430726	Bot	S5	CHIPRES 0W06 100R J 0402	Fixed Resistor
R154	1430762	Bot	S6	CHIPRES 0W06 2K2 J 0402	Fixed Resistor
R156	1430726	Bot	S5	CHIPRES 0W06 100R J 0402	Fixed Resistor
R157	1620105	Bot	S6	RES NETWORK 0W06 2X2K2 J 0404	Resistor Network
R158	1430792	Bot	R5	CHIPRES 0W06 33K J 0402	Fixed Resistor
R159	1620035	Top	Q4	RES NETWORK 0W06 2X10R J 0404	Resistor Network
R160	1620035	Top	Q4	RES NETWORK 0W06 2X10R J 0404	Resistor Network
R161	1825037	Bot	T4	VAR.ARRAY 2X16V 824-915MHZ 0405	Variable Resistor
R162	1620105	Bot	Q6	RES NETWORK 0W06 2X2K2 J 0404	Resistor Network
R163	1825037	Bot	T3	VAR.ARRAY 2X16V 824-915MHZ 0405	Variable Resistor
R164	1620105	Bot	Q5	RES NETWORK 0W06 2X2K2 J 0404	Resistor Network
R165	1430778	Bot	S5	CHIPRES 0W06 10K J 0402	Fixed Resistor
R166	4129253	Bot	R5	ASIP MIC W/ESD RES+CAP+ZDI BGA11	Integrated Discretes
R167	1825037	Top	A7	VAR.ARRAY 2X16V 824-915MHZ 0405	Variable Resistor
R168	1430121	Top	H5	CHIPRES 0W06 22K F 200PPM 0402	Fixed Resistor
R169	1620029	Top	H7	RES NETWORK 0W06 2X4K7 J 0404	Resistor Network
R170	1620033	Top	H7	RES NETWORK 0W06 2X5K6 J 0404	Resistor Network
R171	1430121	Top	G6	CHIPRES 0W06 22K F 200PPM 0402	Fixed Resistor
R200	1419003	Bot	S4	CHIPRES 0W5 0R22 J 200PPM 1210	Fixed Resistor
R202	1430804	Bot	P5	CHIPRES 0W06 100K J 0402	Fixed Resistor
R203	1430804	Bot	P4	CHIPRES 0W06 100K J 0402	Fixed Resistor
R206	1430770	Bot	P4	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R207	1430770	Bot	P5	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R300	1430690	Top	R5	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R302	1430778	Top	A6	CHIPRES 0W06 10K J 0402	Fixed Resistor
R303	1430758	Bot	M8	CHIPRES 0W06 1K5 J 0402	Fixed Resistor
R304	1430748	Bot	M8	CHIPRES 0W06 680R J 0402	Fixed Resistor
R305	1825133	Bot	N7	CHIP VARISTOR VWM14V VC50V 0402	Variable Resistor
R306	1430714	Top	M5	CHIPRES 0W06 33R J 0402	Fixed Resistor

Item	Code	Side	XY	Description and value	
R307	1430804	Top	L6	CHIPRES 0W06 100K J 0402	Fixed Resistor
R308	1430722	Bot	M6	CHIPRES 0W06 68R J 0402	Fixed Resistor
R312	1430690	Bot	M6	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R350	1419009	Top	F2	CHIPRES 0W5 4R7 J 200PPM 1210	Fixed Resistor
R356	1430702	Top	P6	CHIPRES 0W06 12R J 0402	Fixed Resistor
R357	1430792	Top	P7	CHIPRES 0W06 33K J 0402	Fixed Resistor
R358	1430718	Top	P7	CHIPRES 0W06 47R J 0402	Fixed Resistor
R359	1430778	Top	P8	CHIPRES 0W06 10K J 0402	Fixed Resistor
R360	1430804	Top	P8	CHIPRES 0W06 100K J 0402	Fixed Resistor
R362	1430693	Top	Q8	CHIPRES 0W06 5R6 J 0402	Fixed Resistor
R363	1430778	Top	P6	CHIPRES 0W06 10K J 0402	Fixed Resistor
R367	1430264	Top	Q8	CHIPRES 0W06 18K F 100PPM 0603	Fixed Resistor
R369	1430792	Top	Q6	CHIPRES 0W06 33K J 0402	Fixed Resistor
R388	4129071	Top	L8	ASIP SIM INTERFACE ** PB-FREE **	Integrated Discretes
R396	1620103	Top	M3	RES NETWORK 0W06 2X22R J 0404	Resistor Network
R397	1620103	Top	M3	RES NETWORK 0W06 2X22R J 0404	Resistor Network
R398	1825133	Top	M4	CHIP VARISTOR VWM14V VC50V 0402	Variable Resistor
R399	1430726	Top	M4	CHIPRES 0W06 100R J 0402	Fixed Resistor
R402	1430718	Bot	P6	CHIPRES 0W06 47R J 0402	Fixed Resistor
R406	1430778	Bot	O5	CHIPRES 0W06 10K J 0402	Fixed Resistor
R409	1430700	Top	N5	CHIPRES 0W06 10R J 0402	Fixed Resistor
R414	1430690	Bot	O2	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R420	1430726	Bot	N2	CHIPRES 0W06 100R J 0402	Fixed Resistor
R421	1430778	Bot	P3	CHIPRES 0W06 10K J 0402	Fixed Resistor
R422	1430873	Bot	Q3	CHIPRES 0W06 27K F 0402	Fixed Resistor
R450	1430770	Bot	O2	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R455	1430804	Bot	S6	CHIPRES 0W06 100K J 0402	Fixed Resistor
R460	1430722	Bot	O6	CHIPRES 0W06 68R J 0402	Fixed Resistor
R501	1430754	Top	I6	CHIPRES 0W06 1K0 J 0402	Fixed Resistor
R502	1430919	Top	I6	CHIPRES 0W06 9K1 F 100PPM 0402	Fixed Resistor
R503	1430770	Top	I2	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R504	1430780	Top	I2	CHIPRES 0W06 12K J 0402	Fixed Resistor



Item	Code	Side	XY	Description and value	
R505	1430776	Top	J2	CHIPRES 0W06 8K2 J 0402	Fixed Resistor
R506	1430726	Top	H5	CHIPRES 0W06 100R J 0402	Fixed Resistor
R511	1620505	Top	H7	RES NETWORK 0W04 2DB ATT 0404	Resistor Network
R512	1430700	Top	K3	CHIPRES 0W06 10R J 0402	Fixed Resistor
R516	1620033	Top	K5	RES NETWORK 0W06 2X5K6 J 0404	Resistor Network
R517	1620033	Top	K5	RES NETWORK 0W06 2X5K6 J 0404	Resistor Network
R520	1430784	Top	L4	CHIPRES 0W06 15K J 0402	Fixed Resistor
R522	1430784	Top	I5	CHIPRES 0W06 15K J 0402	Fixed Resistor
R523	1430865	Top	I5	CHIPRES 0W06 5K6 F 0402	Fixed Resistor
R525	1430770	Top	I5	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R529	1430690	Top	J5	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R531	1430726	Top	J2	CHIPRES 0W06 100R J 0402	Fixed Resistor
R538	1430917	Top	I2	CHIPRES 0W06 3K3 F 0402	Fixed Resistor
R539	1430690	Top	K3	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R540	1430754	Top	C7	CHIPRES 0W06 1K0 J 0402	Fixed Resistor
R700	1430700	Top	E4	CHIPRES 0W06 10R J 0402	Fixed Resistor
R701	1430700	Top	B3	CHIPRES 0W06 10R J 0402	Fixed Resistor
R702	1430700	Top	B5	CHIPRES 0W06 10R J 0402	Fixed Resistor
R703	1430714	Top	C3	CHIPRES 0W06 33R J 0402	Fixed Resistor
R704	1430714	Top	D3	CHIPRES 0W06 33R J 0402	Fixed Resistor
R706	1430681	Top	C2	CHIPRES 0W06 4R3 J 0402	Fixed Resistor
R707	1430690	Top	D6	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R709	1430690	Top	E2	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R710	1430758	Top	E2	CHIPRES 0W06 1K5 J 0402	Fixed Resistor
R712	1430690	Top	D2	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R713	1430690	Top	E3	CHIPRES JUMPER 0R0 0402	Fixed Resistor
R715	1430691	Top	C3	CHIPRES 0W06 2R2 J 0402	Fixed Resistor
R716	1430691	Top	D3	CHIPRES 0W06 2R2 J 0402	Fixed Resistor
R800	1430700	Top	B8	CHIPRES 0W06 10R J 0402	Fixed Resistor
R801	1430746	Top	B7	CHIPRES 0W06 560R J 0402	Fixed Resistor
R900	1430832	Bot	P4	CHIPRES 0W06 2K7 J 0402	Fixed Resistor
R901	1430770	Top	O4	CHIPRES 0W06 4K7 J 0402	Fixed Resistor

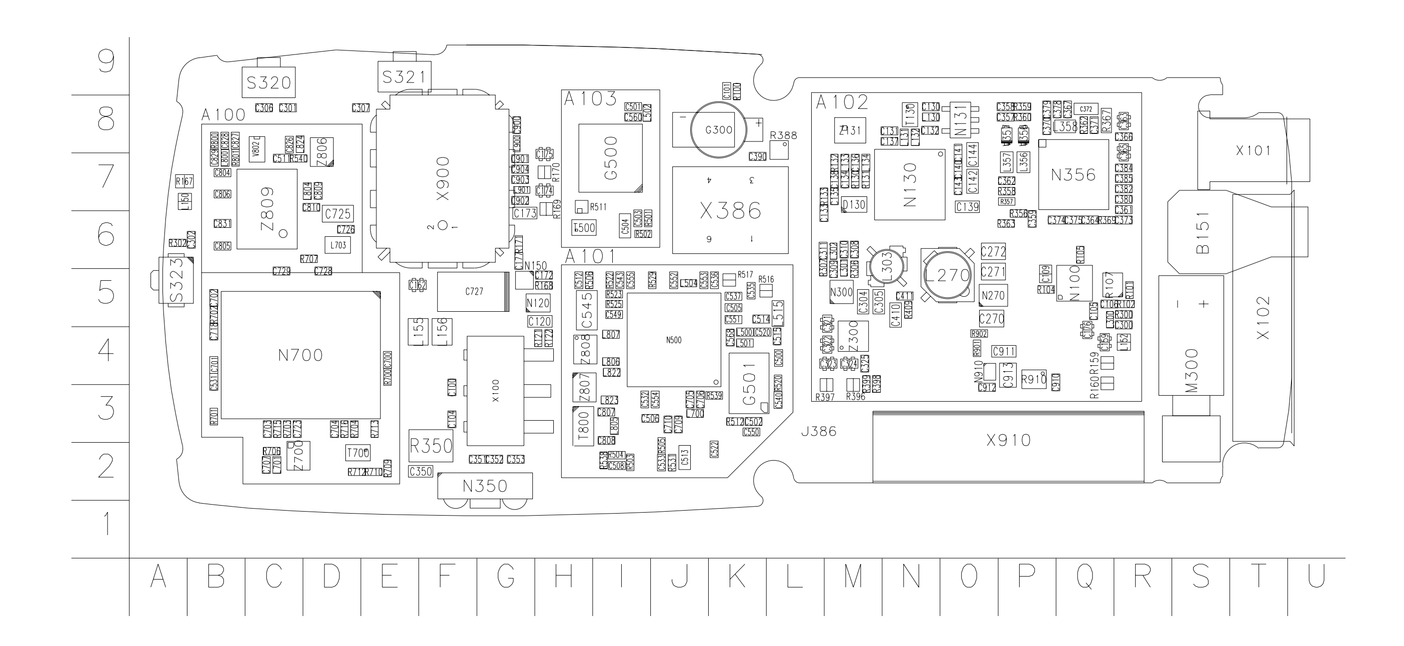
Item	Code	Side	XY	Description and value	
R902	1430770	Top	O4	CHIPRES 0W06 4K7 J 0402	Fixed Resistor
R906	1430117	Bot	P5	CHIPRES 0W06 100R F 200PPM 0402	Fixed Resistor
R907	1430784	Bot	P5	CHIPRES 0W06 15K J 0402	Fixed Resistor
R910	4129101	Top	P4	ASIP MMC FILTER *** PB-FREE ***	Integrated Discretes
R913	1430117	Bot	P5	CHIPRES 0W06 100R F 200PPM 0402	Fixed Resistor
S320	5201001	Top	C9	SM VOLUME BUTTON 16VDC 50MA	Switch And Knob
S321	5201001	Top	E9	SM VOLUME BUTTON 16VDC 50MA	Switch And Knob
S323	5200025	Top	A5	SM TACT SW SIDE TRAVEL 0.2 MM	Switch And Knob
T130	4550267	Top	N8	TRANSF BALUN 2400+/-100MHZ	Balun
T500	4550187	Top	H6	TRANSF BALUN 3290-3980MHZ	Balun
T700	4550223	Top	D2	TRANSF BALUN 1800+-100MHZ 2X1.25	Balun
T800	3640427	Top	H3	TRANSF BALUN 1.9GHZ+/-100MHZ 1206	Balun
V101	4111099	Bot	T7	TVS DI 1SMF16B 16V 175W SOD123F	Diode
V356	4110965	Top	P8	CAP.DI BB202 CT 2.5 FM 0R8 SOD523	Diode
V357	4110965	Top	P8	CAP.DI BB202 CT 2.5 FM 0R8 SOD523	Diode
V802	4210261	Top	C8	TR BGA428 LNA1.8GHZ 19.5DB SOT363	Bipolar Transistor BJT
X100	5409255	Top	G3	SM LYNX BATT CONN 3POL 12V 2A H7.	Battery Connector
X102	5460061	Top	T5	SM SYSTEM CONNECTOR 14POL	System Connector
X300	5460123	Bot	L7	SM CONN 2X6 M P1.2250V 0.5A	Board To Board Con-nector
X301	5460123	Bot	L3	SM CONN 2X6 M P1.2250V 0.5A	Board To Board Con-nector
X302	5469235	Bot	L5	SM CONN 2X12F P0.5 PWB/PWB	Multipole Connector
X386	5409273	Top	K7	SIM CONN 2X3POL H 2.20MM	SIM Connector
X900	5409297	Top	F7	CAMERA MOD.SOCKET 2X7POL SPR P1.4	Socket
X910	5409271	Top	P3	MMC CONN 1X7POL H 1.7MM	Other Customized Connector
Z131	4550265	Top	M8	CER FILT 2441+-41.75MHZ 2.7X2.2	Ceramic Filter
Z300	4129031	Top	M4	ASIP KEYBOARD INTERFACE *PB-FREE*	Integrated Discretes
Z301	4129031	Bot	N8	ASIP KEYBOARD INTERFACE *PB-FREE*	Integrated Discretes
Z700	4511465	Top	C2	SAW FILT 897.5+-17.5MHZ 2X2.5	SAW Filter
Z806	4511467	Top	D8	SAW FILT 1960+-30MHZ/3.2DB 2X2.5	SAW Filter
Z807	4511483	Top	H3	SAW FILT 1842.5+-37.5MHZ 2.5X2	SAW Filter
Z808	4511481	Top	H4	SAW FILT 942.5+-17.5MHZ 2.5X2	SAW Filter

Item	Code	Side	XY	Description and value	
Z809	4550293	Top	C7	ANT.SWITCH 824-960/1710-1990MHZ	Antenna Switch

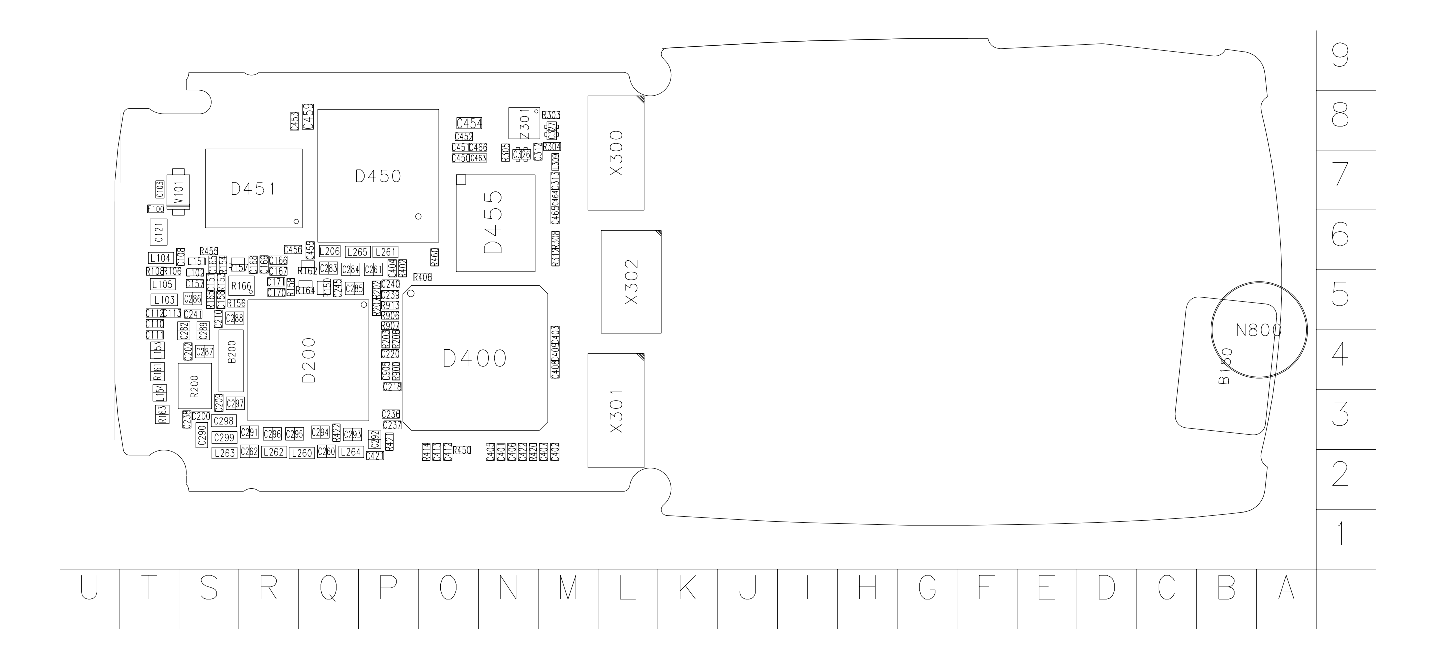
EZ4Z BOM II module parts - RH-28

Item	Product Code	Side	XY	Description and value	
C810	2320526	Top	D7	CHIPCAP NP0 3P9 C 50V 0402	Ceramic Capacitor
G501	4510417	Top	K4	VCTCXO 26MHZ+-3PPM 2.7V 1.3MA GSM	VCTCXO
Z700	4511477	Top	C2	SAW FILT 836.5+-12.5MHZ 2X2.5	SAW Filter
Z808	4511475	Top	H4	SAW FILT 881.5+-12.5MHZ 2.5X2.0	SAW Filter

Component layout (top side)



Component layout (bottom side)



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